Index of Claims

| Application No. | |
|-----------------|--|
|-----------------|--|

10/618,082

KAMEN ET AL.

Applicant(s)

Examiner

Art Unit

Avraham Lerner

3611

| > | Rejected |
|-----------------|----------|
| 11 | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| | |

Restricted

Non-Elected

I Interference

| A | Appeal |
|---|----------|
| o | Objected |

| E Very B | | Oleius Dut | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------|----------------|--|-----------|----------------|----------|--------------|-----------------|----------|----------|----------|----------|-----------------|-----------|----------|----------|---------|----------|-------------------------|-----------------|--------------|----------|-------------|--------------------|----------|----------|----------|----------|----------|----------|----------|
| 1 + 101 102 102 102 102 102 103 103 103 103 103 103 104 105 105 105 105 105 105 105 105 106 106 107 107 107 107 107 107 107 107 108 108 108 109 110 111 | Cla | aim T | | | | | | | Date Claim Date | | | | | | | \dashv | CI | aim | Date | | | | | | | | | | | | | |
| 2 + 102 103 103 103 103 104 105 103 104 105 106 105 106 105 106 105 106 105 106 107 108 108 108 109 109 109 109 109 109 110 110 110 111 111 112 60 1110 1110 111 112 62 1112 112 <td>Final</td> <td>Original</td> <td>9/13/04</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Final</td> <td>Original</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Final</td> <td>Original</td> <td></td> <td></td> <td>i</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | Final | Original | 9/13/04 | | | | | | | | | Final | Original | | | | | | | | | Final | Original | | | i | | | | | | |
| 2 + 102 103 103 103 103 104 105 103 104 105 106 105 106 105 106 105 106 105 106 107 108 108 108 109 109 109 109 109 109 110 110 110 111 111 112 60 1110 1110 111 112 62 1112 112 <td></td> <td>1</td> <td>÷</td> <td></td> <td>П</td> <td></td> <td>П</td> <td></td> <td>T</td> <td></td> <td>\neg</td> <td></td> <td>51</td> <td>П</td> <td>\dashv</td> <td>\top</td> <td>+</td> <td>+</td> <td>十</td> <td></td> <td>Н</td> <td></td> <td>101</td> <td></td> <td></td> <td>寸</td> <td></td> <td>ᅥ</td> <td>\neg</td> <td>寸</td> <td>_</td> <td></td> | | 1 | ÷ | | П | | П | | T | | \neg | | 51 | П | \dashv | \top | + | + | 十 | | Н | | 101 | | | 寸 | | ᅥ | \neg | 寸 | _ | |
| 3 | | 2 | ÷ | | | | | | | | 7 | | | П | \exists | _ | 十 | \top | \top | $\dagger \lnot \dagger$ | П | | 102 | I | | ╛ | | ᅥ | | \dashv | \neg | |
| 4 1 54 105 105 105 105 106 107 106 107 106 107 106 107 106 107 106 107 106 107 108 108 108 108 109 100 110 1110 1110 1111 1114 | | 3 | П | | П | | | | | | | | | П | | | | T | T | | | | | | | ╛ | | 一 | | \neg | ╗ | |
| 6 | | 4 | П | | П | | | | | | | | | П | | | T | \top | T | \Box | | | | | | T | | T | | | \neg | |
| Se | | 5 | Т | | | | | | | | | | | П | T | | T | T | T | Ш | \Box | | | | | T | | | | ヿ | | |
| See | | 6 | П | | П | | | | | | | | | П | T | T | T | Т | Τ | | \Box | | 106 | <u> </u> | | T | | | | | | |
| 9 | | 7 | П | | | | | | | | | | | | | | | | Т | | | | 107 | | | П | | \neg | | _ | | |
| 10 | | | | | | | | | | | | | | | | | | \top | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | Ш | | | | | | | | | | | | | | | | | | | | | | | Π | | | | | | |
| 13 | | | Ш | | Ш | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | <u></u> | | Ш | \Box | Ш | | Ш | $oxed{oxed}$ | | | | | | Ш | | \perp | | L | 匚 | \Box | | | | | oxdot | Ţ | | | | \Box | \Box | |
| 15 | <u> </u> | | Ш | Ш | Щ | | Ш | <u> </u> | <u> </u> | | _ | | | Ш | | | | | | \Box | | | | | | \perp | | | | | | |
| 16 | | | Ц | | Ш | | | | | | | | | Ш | \dashv | \perp | | 4 | Ļ | \perp | | | | | | _ | _ | | | | | |
| 17 | | | Ц | | | | | | | | _ | | | Ш | \dashv | _ | _ | \perp | <u> </u> | \sqcup | _ | <u> </u> | | | | _ | 4 | _ | | _ | _ | |
| 18 | L | | Ш | _ | | | | Ŀ | | | _ | | | Ш | \dashv | _ | | \bot | \perp | 1-1 | Ш | <u> </u> | | _ | \perp | \perp | _ | _ | | _ | | |
| 19 | <u> </u> | | Щ | _ | Ш | | | | | | | | | Ш | | | | \perp | _ | Ш | | ļ | | _ | | _ | _ | _ | | _ | | |
| 120 | | | Щ | | Ш | | | | | | 4 | | | Ш | _ | 4 | | \bot | <u> </u> | \sqcup | Ш | | 118 | | | _ | _ | _ | | _ | _ | |
| 21 1 71 72 121 122 123 123 123 123 123 124 124 124 124 124 125 126 126 126 126 126 126 126 127 127 127 127 127 127 127 128 129 129 129 129 129 129 130 130 130 130 131 131 131 131 131 131 131 131 132 132 132 132 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 134 134 134 134 135 135 135 135 135 135 135 136 137 137 137 137 137 137 137 137 138 139 139 139 139 139 | | | Щ | Ļ | \square | | | | | | _ | | | Ш | | \perp | | \perp | ┸ | \sqcup | Ш | ļ | | _ | $\perp \perp$ | _ | | _ļ | | _ | | |
| 122 | | | 11 | _ | | | | _ | | | _ | | | | _ | | | \perp | | 1 | Щ | | | | $\perp \downarrow$ | 4 | _ | _ | | _ | _ | |
| 23 | | | Ш | _ | | | | $oxed{oxed}$ | | | _ | | | | \perp | \perp | | \bot | \perp | 1 | | | | _ | | _ | | _ | | | _ | |
| 24 124 124 125 125 126 125 126 125 126 126 127 127 127 127 128 129 129 129 129 129 130 130 130 130 131 131 131 131 132 133 133 133 133 133 133 134 134 134 134 134 135 135 135 136 137 137 137 137 137 138 138 138 138 138 138 139 140 141 141 142 143 144 144 144 144 144 145 145 146 146 146 147 148 148 148 149 | ļ | | Щ | | Ш | | | lacksquare | | _ | _ | | | | 4 | _ | \perp | _ | ↓_ | \sqcup | | <u> </u> | | _ | \perp | _ | _ | | | | _ | |
| 25 | | | Ш | | | | | | | | _ | - | | | 4 | 4 | _ | \bot | \perp | \perp | | | | _ | $\perp \perp$ | _ | _ | _ | | | _ | |
| 26 | | | Н | <u> </u> | \vdash | | Ш | | _ | _ | _ | | | Ш | | \dashv | | _ | _ | \sqcup | Ш | | 124 | lacksquare | _ | 4 | _ | _ | | 4 | _ | |
| 27 1 127 128 128 128 129 128 129 129 129 130 130 130 131 133< | | | Н | _ | Н | | | _ | | \Box | _ | | | Ш | _ | _ | | 4_ | \bot | \sqcup | Ш | | | _ | | _ | _ | _ | | _ | _ | |
| 28 128 128 129 129 129 129 129 129 130 130 131 130 131 131 131 131 131 132 132 133 13 | | | Н | L | Н | _ | Ш | | _ | | _ | <u> </u> | | Ш | | | - | | ╀ | lacksquare | _ | | 126 | | \perp | \dashv | \dashv | _ | | _ | | |
| 29 129 30 80 31 131 32 132 33 83 34 84 35 85 36 85 37 86 39 88 40 90 41 91 42 92 43 94 44 94 45 96 46 97 48 99 98 148 49 99 | | | ╀ | _ | | | Ш | \vdash | \vdash | \dashv | \dashv | - | | | \dashv | \dashv | _ | + | + | \square | \vdash | ļ | | | | _ | 4 | _ | | _ | _ | |
| 30 | | | H | - | \vdash | | _ | - | | | - | - | | \vdash | \dashv | \dashv | | + | + | \Box | \mathbf{H} | - | 128 | _ | | \dashv | - | | | 4 | - | |
| 31 + 81 131 132 132 133 133 133 133 133 134 134 134 134 135 136 135 136 136 137 137 136 137 137 137 138 138 138 138 138 138 139 140 140 141 141 141 141 141 141 142 143 144 142 143 144 145 145 145 146 146 147 148 148 148 149 1 | | | H | \vdash | Н | | - | - | - | | \dashv | - | | H | - | - | | +- | ╄ | ┦╌┤ | \vdash | | | | \vdash | \dashv | | | | - | | _ |
| 32 + 82 33 132 34 133 35 84 36 85 37 86 38 136 37 88 38 136 37 137 38 136 39 137 38 138 39 139 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 49 148 49 149 | | | Η. | | Н | | | | H | | \dashv | | | Н | \dashv | + | + | + | - | ╁╌┤ | \vdash | - | 130 | - | | \dashv | - | - | - | | | _ |
| 33 133 134 34 134 134 35 86 135 36 86 136 37 88 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 98 148 49 99 149 | | | | | | | | | | \dashv | - | - | | \vdash | - | \dashv | + | + | +- | ╂ | \vdash | | | - | \vdash | \dashv | \dashv | \dashv | \dashv | \dashv | | |
| 34 84 134 134 135 35 86 135 136 137 137 137 137 137 138 138 138 138 139 139 139 139 140 140 141 140 141 141 142 142 142 142 142 143 143 144 144 144 144 144 145 145 146 147 148 148 149 </td <td></td> <td></td> <td> →</td> <td>\vdash</td> <td>Н</td> <td></td> <td>\vdash</td> <td>H</td> <td>H</td> <td>\dashv</td> <td>\dashv</td> <td></td> <td></td> <td>Н</td> <td>-</td> <td>+</td> <td></td> <td>╁</td> <td>+</td> <td>╂─┤</td> <td>\vdash</td> <td></td> <td></td> <td></td> <td>\vdash</td> <td>\dashv</td> <td>\dashv</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td></td> | | | → | \vdash | Н | | \vdash | H | H | \dashv | \dashv | | | Н | - | + | | ╁ | + | ╂─┤ | \vdash | | | | \vdash | \dashv | \dashv | - | | - | - | |
| 35 135 136 36 136 137 37 137 137 38 88 138 39 88 138 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 1445 46 96 146 47 97 147 48 98 148 49 149 | | | \vdash | - | Н | \vdash | \vdash | \vdash | \vdash | - | \dashv | | | $\vdash \vdash$ | \dashv | + | + | +- | + | + | \dashv | | | \vdash | \vdash | + | \dashv | | | \dashv | | |
| 36 37 136 137 137 137 138 138 138 138 138 139 139 139 139 140 140 140 141 140 141 141 141 141 141 141 142 142 142 143 144 144 144 144 144 144 144 145 145 146 147 147 148 148 148 149 140 140 140 140 140 141 | | | - | - | \vdash | \vdash | \vdash | \vdash | \vdash | \dashv | \dashv | - | | | - | \dashv | + | + | + | + | H | | 135 | - | $\vdash \vdash$ | + | | - | | - | \dashv | |
| 37 87 137 138 38 88 138 139 40 90 140 141 41 91 141 141 42 92 142 142 43 93 143 144 45 95 145 145 46 96 146 147 48 98 148 149 | ├ | | \vdash | \vdash | Н | | \vdash | - | \vdash | \vdash | \dashv | | | $\vdash\vdash$ | \dashv | -+ | + | + | + | + | H | | | \vdash | \vdash | - | | \dashv | ┥ | \dashv | - | |
| 38 88 | | 37 | \vdash | - | \vdash | $\vdash\vdash$ | \vdash | | | \dashv | \dashv | - | | \vdash | \dashv | \dashv | + | + | + | \vdash | H | | | \vdash | \vdash | + | \dashv | \dashv | \dashv | \dashv | \dashv | |
| 39 89 139 40 90 140 41 91 141 92 142 93 143 94 144 95 145 96 146 97 147 98 148 49 99 | - | | \vdash | \vdash | \vdash | | \dashv | \vdash | | \dashv | \dashv | | | Н | \dashv | | + | + | + | | \forall | | | \vdash | \vdash | + | \dashv | \dashv | \dashv | \dashv | \dashv | - |
| 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145 46 96 146 47 97 147 48 98 148 49 99 149 | | | ┢ | | \vdash | \vdash | \vdash | \vdash | - | \vdash | \dashv | - | | - | - | \dashv | | ╅ | + | \vdash | H | - | | - | + | \dashv | | - | ┥ | \dashv | \dashv | |
| 41 91 42 141 43 92 43 93 44 94 45 95 46 96 47 97 48 98 49 149 141 142 142 143 143 144 145 145 146 147 147 148 148 149 | | | \vdash | | \vdash | \vdash | \vdash | | | - | \dashv | - | 90 | \vdash | \dashv | \dashv | \dashv | + | + | $\vdash \vdash$ | H | \vdash | 140 | - | + | + | | - | | \dashv | \dashv | |
| 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 148 49 149 | | | \vdash | \vdash | H | \vdash | | \vdash | | \vdash | \dashv | | 91 | \vdash | | \dashv | + | +- | +- | \vdash | $\vdash \vdash$ | - | 141 | \vdash | \vdash | \dashv | \dashv | - | | ᅱ | \dashv | _ |
| 43 93 44 94 45 95 46 96 47 97 48 98 49 143 144 144 145 145 146 147 147 147 148 99 148 149 | \vdash | | \vdash | | H | \vdash | | \vdash | \vdash | - | \dashv | | | \vdash | \dashv | \dashv | + | + | +- | + | \vdash | - | | \vdash | \vdash | + | \dashv | - | ᅱ | \dashv | | \dashv |
| 44 94 45 95 46 96 47 97 48 98 49 99 | | | \vdash | | \vdash | Н | \Box | | Н | \dashv | \dashv | | 93 | \vdash | - | \dashv | + | + | T | 1- | \vdash | | 143 | | \vdash | \dashv | \dashv | \dashv | \dashv | - | \dashv | |
| 45 95 46 96 47 97 48 98 49 99 | _ | | | | H | = | | | _ | \vdash | \dashv | | | H | 寸 | \dashv | + | + | T | \Box | \dashv | | | \vdash | \vdash | + | | \dashv | \dashv | \dashv | \dashv | _ |
| 46 96 47 97 48 98 49 148 | | 45 | | П | Н | \vdash | \neg | | | - | \dashv | | 95 | \vdash | \dashv | \dashv | + | +- | ╁ | + | \vdash | | 145 | \vdash | \vdash | \dashv | + | \dashv | | - | \dashv | |
| 47 | | | 1 | | | | \vdash | | | | \dashv | | | \vdash | - | \dashv | \top | + | T | \vdash | \dashv | | | \vdash | \vdash | \dashv | \dashv | \dashv | - | 一 | - | |
| 48 98 49 148 | | | Г | П | П | \neg | \neg | | | \dashv | \dashv | | 97 | Н | 寸 | 十 | + | + | 1 | $\dagger \exists$ | \Box | | 147 | \vdash | | + | \dashv | \dashv | \dashv | \dashv | | |
| 49 99 149 149 | ļ | | Г | П | | \neg | \neg | | | | \dashv | | | Н | 一 | \dashv | - | \top | T | \vdash | \vdash | | | | \vdash | + | \dashv | \dashv | 寸 | + | \dashv | |
| | | 49 | Γ | П | \sqcap | | | | Г | \neg | \neg | | 99 | | \neg | \top | _†- | 1 | 1 | T | П | | 149 | \Box | \vdash | \dashv | _ | | 一 | \neg | _ | \neg |
| | | 50 | T | | П | | | | | \Box | | | 100 | П | \neg | 一 | _ - | T | 1 | | | | 150 | | \sqcap | \dashv | \dashv | | 一 | 一 | _ | |